

### Abstract

An image-processing device is provided. With respect to each line in a matrix, a shift register is installed for reading a line out that selects a line where a signal in response to carriers accumulated in an accumulation state for generating carriers in the photo diode in response to received light is read out. A second shift register is installed that selects a line for clearing an image signal where the residual carriers in the solid-state image-pickup element are discharged from the solid-state image-pickup element. Shift data applied to a line for reading out an image signal is output to the shift register for reading a line out, based on which signal for selecting a line for reading out an image signal is output.